

Montana and the Sky



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MONTANA AERONAUTICS DIVISION

August 1988

SHOOTING BEGINS ON AVIATION VIDEO

The production of an aviation video to be used to promote the industry statewide is underway. Script writing has begun, and the film crew has scheduled shooting. Western America Films from Billings was chosen by the Video Committee to handle the project.

The Aviation Organizations of Montana, the group charged with general oversight of the Aviation Conference and its proceeds, has committed \$5,000 from the profits of the Montana Aviation Conference to help in funding the project. The Montana Airport Management Association has also committed \$5,000 with the remaining funding to come from other aviation organizations and several corporate contributions.

An Aviation Video Committee has been selected to oversee the project. Members of the Committee include one representative from each of the Montana aviation organizations. Committee members were appointed by their organizations' presidents. Monte Eliason, MAMA, serves as chairman of the committee. Final script and budget approval will rest with the Aviation Organizations of Montana.

While a final schedule is yet to be worked out, it is anticipated that the project will be completed in October. This will make the video available for showing during the legislative session. The film will also be used in aviation promotion through organizations, schools, and service clubs throughout the state and will be on loan through the Aeronautics Division's film library.

KALISPELL YOUTH WINS TRIP TO EAA ACADEMY

A trip to the EAA Air Academy in Oshkosh, Wisconsin, was won by Jason Smith, Kalispell. A student at Flathead County High School, Jason won the trip through the Aviation Awareness Poster Contest sponsored by the Montana Aeronautics Division.

Tuition for the Academy came from donations by the Montana aviation community collected during the 1988 Montana Aviation Conference and from the Montana Aeronautics Division's scholarship program.



Jason Smith, Kalispell, with Chuck Larsen, EAA Education Director, Oshkosh, Wisconsin.

Northwest Airlink and Northwest Airlines provided transportation through a complimentary round-trip airline ticket as a demonstration of their dedication to the development of Montana's youth.

The EAA Air Academy, held this year July 16 through August 1, provides youth the opportunity to meet and work with aviation professionals in what becomes much more than lessons in technology and techniques. They experience the true spirit of personal aviation while exploring and expanding personal and aviation horizons.

The Academy instills pride of craftsmanship and develops leadership potential to bring participants to a better understanding of aviation and themselves. Youth from many countries attend the academy.

Jason's poster was a depiction of P-51 fighter planes used during World War II. He is the son of William and Peg Rice of Kalispell and Richard and Lorinda Smith of Whitefish.



Mike Strand, aviation education representative on the Montana Aeronautics Board, presents a certificate of achievement to Jason Smith and offers congratulations on his winning the Montana Aeronautics Division's Aviation Awareness Poster Contest. Northwest Airlink/Northwest Airlines donated the round-trip airline ticket for Jason's trip to the EAA Academy. At right is Laurel Desjarlais, station manager for Northwest Airlink in Kalispell.

Administrator's Column

West Yellowstone Expo. The second annual Family Fly-In Expo held July 21 - 24, 1988, at the Yellowstone Airport was a huge success again this year. I think that, due to the experience of last year's Expo, things went more smoothly with less confusion and work this year. The FAA temporary Air Traffic Control Tower and ground control logged over 3,750 operations, and the temporary FAA Flight Service Station logged over 3,400 flight services. The National Weather Service installed a temporary weather station. Kavouras Weather Systems displayed their pilot weather briefing system. Pan Am Weather Services installed their satellite weather communications system with a computer link to the Billings Flight Service Station and, thus, flight plans were filed directly. All of these flight services were set up in the temporary Flight Service Station tent headquarters. The pilot flight proficiency and ground training programs were well attended, and over 200 pilots received their FAA Wings.

At the risk of unintentionally forgetting to mention those deserving of recognition, I do wish to especially thank and congratulate the three FAA Accident Prevention Specialists, John Goostrey, Al Neal, and Jim Cooney from Boise, Casper, and Helena, respectively. I also wish to thank Ron Waterman, previous Helena APS, who took vacation from his new FAA APS assignment in New Mexico to come to Montana and help us out. These APSs have played a major role in planning and developing this flight safety expo. I also wish to thank Art Wells, manager of our Helena FAA Flight Standards Office; the volunteer FAA wives who worked so hard; John Alex, manager of the Billings ATC, and all of the tower and ground control people who did such an outstanding job; John Ellsworth, manager of the Billings Flight Service Station, and all of his wonderful and helpful FSS folks; Bill Miller and Ray Glidden of the Idaho Aeronautics; Dr. Petty from Hamilton and Dr. Goodwin from Helena and the emergency medical team from Idaho; all of the generous volunteer flight instructors who donated over 700 hours of free dual flight instruction; the 51 seminar program presenters who played such a key and essential role in making the Expo a success; Dee and her folks who provided the food service; the exhibitors; the participants who were so cooperative and friendly; all of our airport vendors who were so patient during all of the disruption; and last but not least the dedicated Montana Aeronautics Division people who worked so hard, not only during but before and after the Expo. A BIG THANKS TO YOU ALL!!!

Oshkosh. I recently combined a business/vacation trip to Green Bay, Appleton, and Oshkosh, Wisconsin. Of interest was that, for the first time, the National Association of State Aviation Officials (NASAO) participated in the Oshkosh programs by conducting one of the many tent forums. Each participating state selected to make a presentation was given one or two specific topics to address. I was honored to be one of the state aeronautics speakers and was selected to talk about the Montana Aeronautics Mountain Search Pilot Clinic and the college educator workshop program. These are two programs which have drawn a great deal of interest from other states. The forum was well received by the audience, and it was felt that the NASAO representation and participation at Oshkosh is an area of aviation involvement which should be continued in future years.

MONTANASKA Air Tour. The Montana/Canada/Alaska Air Tour, which departed Helena on July 2, 1988, was a huge success, and there will be a future story in our next month's issue of Montana and the Sky.

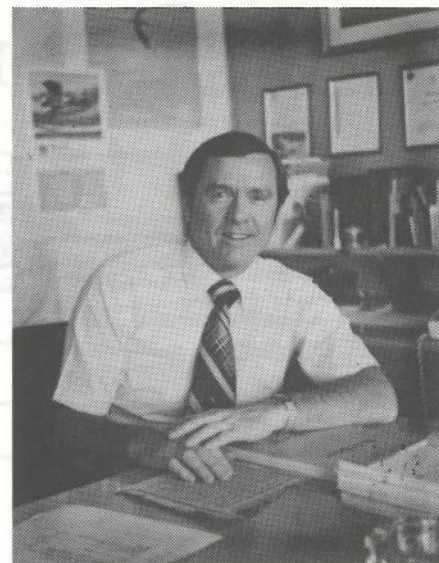
Helena ADO To Host Seminar

The Helena Airports District Office of the FAA will host a seminar beginning Thursday, September 15, at 9:30 p.m. at the Colonial Inn in Helena. The seminar will end about noon on Friday, September 16. The agenda is being finalized and will be distributed shortly.

Seminar topics are varied with speakers from the ADO, airport managers, state aeronautics officials, FAA's regional office

staff, and other federal agencies. Topics will include MBE/WBE, surplus property, safety inspections, current and future AIP projects, state system plan, planning concepts, legislative issues, FAA reorganization/philosophy, and air service in Montana.

For additional information or a copy of the agenda, call 449-5271 or write the Helena ADO, FAA, Airport Road, Helena 59601.



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Townsend Youth Win Flight Scholarship

Brent Alm and Max Vogel, seniors at Broadwater County High School, have been chosen co-recipients of the Montana Aeronautics Division flight scholarship. The two were chosen from Broadwater High's Aerospace class.

Both students have passed the private pilot written exam and will use the scholarship to help with flight training.

Brent is the son of Russ and Judy Alm, and Max is the son of Randy and Elaine Vogel, all of Townsend.



Brent Alm



Max Vogel

HILL COUNTY FORMS SAR GROUP



On June 15, 1988, Fred Hasskamp of the Aeronautics Division presented a program to the newly formed Hill County Search and Rescue group on "Air Search and Rescue in Montana." Spencer Anders, who is a pilot for Corporate Air, and Deputy Sheriff Dana Roe are spearheading the new SAR organization.

BIG SKY CELEBRATES TEN YEARS

This year, 1988, marks the tenth year of business for Big Sky Transportation Company. Their inaugural flight took place on September 11, 1978, and flew from Billings to Helena.

Then, as now, the company's intention was to fill service gaps left by major airlines throughout Montana. While this service was begun with one aircraft, they now operate with twelve. They have also grown from serving three cities - Billings, Helena, and Kalispell - to a present total of seventeen cities.

There have been many changes in the past ten years. These have included cities served and discontinued, aircraft changes, ground operations changes, and employees who have come and gone.

Operating as Northwest Airlink, an agreement they entered into in 1985, has proven to be a very positive arrangement. They now have the opportunity to offer fares and connections throughout the world, while continuing to be owned and operated by Montanans. They are the only air carrier based in Montana with the majority of stock owned by Montanans.

On September 9, 1988, each Airlink station will be serving cake and coffee along with offering many prizes - weekend packages, airline tickets, and luggage to name a few. They extend an invitation to you to join their festivities on that date.



CALENDAR

Aug. 23 - 26 - MATA's Second Annual Operation Safe Calibration Fly-In, Lewistown Airport. Contact Mike Biggerstaff, Ag Committee.

Aug. 26 - 28 - MPA State Fly-In at Red Lodge. For more information call Mike Sasich at 252-8034 in Billings.

Sept. 10 - Fly-In/Open House at Kalispell City Airport, Kalispell. (Note that this is a change from Sept. 17.)

Sept. 10 - 11 - Glendive Air Days, Dawson County Airport. Saturday night steak fry and hangar dance, Sunday hangar breakfast and air show. Call 687-3625 for more information.

Sept. 12 - AOPA Safety Seminar, Great Falls.

Sept. 13 - AOPA Safety Seminar, Kalispell.

Sept. 14 - AOPA Safety Seminar, Missoula.

Sept. 15 - AOPA Safety Seminar, Butte.

Sept. 15 - 16 - AIP Procedures Seminar sponsored by the Helena Airports District Office of the FAA, Colonial Inn, Helena.

Sept. 15 - 18 - Reno Air Races.

Sept. 16 - 18 - Mountain Search Pilot Clinic, Kalispell.

Sept. 17 - AOPA Safety Seminar, Helena.

Oct. 6 - 8 - AOPA Convention, Nashville, Tennessee.

Oct. 7 - 9 - Montana Flying Farmers Convention, Glasgow.

Oct. 11 - AOPA Safety Seminar, Wolf Point.

Oct. 12 - AOPA Safety Seminar, Miles City.

Oct. 13 - AOPA Safety Seminar, Billings.

Feb. 17 - 19, 1989 - Flight Instructor Refresher Clinic, Helena.

March 1 - 4, 1989 - Montana Aviation Conference, Butte.

AOPA To Hold Safety Seminars

You will note in our calendar a series of AOPA safety seminars listed. These have been scheduled for eight Montana cities in September and October.

Pilots living in the local areas will receive flyers by mail giving details about time and location.

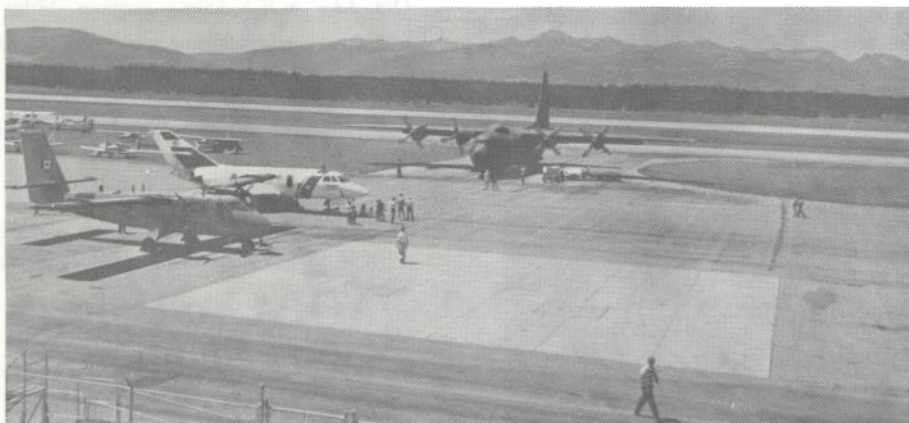
1988 FLY-IN EXPO AT YELLOWSTONE DRAWS LARGE CROWD



This aerial shot shows only a few of the aircraft tied down at the Yellowstone Airport during Expo 1988. In the background are the tents used for seminar instruction.



Part of the view from the temporary tower erected on the roof of the terminal building. The number of aircraft on the field at one time fluctuated from just over 200 to a high of 280.



A Twin Otter flown by the Canadian Forces Air Search and Rescue out of Alberta, a Coast Guard Falcon Fan Jet from Whidbey Island, Washington, and a U.S. Air Force C-130 flown by the 304th Air Rescue Squadron from Portland, Oregon, were part of the static display. All three groups also participated in the meeting of the Western International Search and Rescue Advisory Council (WISARAC) held in conjunction with the Expo.



Glenda Neal was one of the FAA wives who volunteered their time to help with registration. She is the wife of Al Neal, APS from Casper, Wyoming.



A little "fine tuning" is accomplished on a tiny aircraft stuffed with camping gear.



The FAA's lone remaining DC-3 taxis in to be a part of the display at the Expo. The first DC-3 made its maiden flight on December 17, 1935. This particular aircraft, N34, was launched in 1945 and flew under Navy colors. It joined the FAA in 1963 and served for 23 years. FAA Administrator Donald Engen ordered its restoration in 1985. It is used now as a vehicle for FAA's Aviation Education and Back to Basics programs.



Weather services and pilot briefings were handled through an installation set up beside the CFR building. These included the National Weather Service, Kavouras, Pan Am Weather Systems, and the Billings Flight Service Station.



Tower operators have a few minutes of respite. They handled 3,758 operations during the four-day event.



The pilots campground on the airport filled, and many participants pitched tents under the wing of their airplane.



AOPA conducted a very popular "Pinch Hitter" course for non-pilots.



One of the many seminars, this one is being held in a bay of the CFR building on the airport.



Members of the younger set were entertained with movies, local horse and buggy tours, and this visit from a large, friendly bear.

TEACHER WORKSHOPS ATTRACT STATE EDUCATORS



Lee Wheeler, Great Falls, discusses rockets at the Great Falls Workshop.



Gary Roberts, U.S. Air Force reservist, speaks on navigation at the Great Falls Workshop. Standing at right is Director Jo Ann Eisenzimer. Roberts also made his presentation at the workshop held in Missoula.



Iris Harris, Aerospace Education Specialist for the state of Alabama, was a guest speaker at the 1988 Aerospace Workshops. She also met with officials at the Montana Office of Public Instruction while she was in Helena.

Eighty-three Montana teachers attended the 1988 college Aviation/Aerospace Teacher Workshops sponsored by the Montana Aeronautics Division.

Five workshops were held this year at Billings through Eastern Montana College, Great Falls and Missoula through the University of Montana, Bozeman through Montana State University, and Helena through Carroll College. The workshops are offered for college credit through the cooperating university or college.

Through the workshops, teachers are introduced to the world of aviation/aerospace which can then be used as a medium by which to teach classes in a variety of subjects.

Noted guest speakers at this year's

workshops were Minot Parker, science lecturer for NASA; Georgia Franklin, Washington state educator and founder of the Boeing Museum in Seattle; Iris Harris, Aerospace Education Specialist, Department of Education, State of Alabama; Jim Missel, aviation educator, Washington state; Harold Bacon, National Director of Aviation/Aerospace Education programs for the Civil Air Patrol, Maxwell AFB, Alabama; Ed Dahy, Ph.D., Navy educational specialist; and Gary Roberts, U.S. Air Force reservist.

In addition, FAA personnel, National Weather Service personnel, EAA members, model aircraft club members, and others contributed to the learning experience for these school teachers.



Jim Missel (far right), aviation/aerospace educator from Washington, demonstrates hands-on projects teachers can use to reinforce their instruction.



Minot Parker was a visiting lecturer from the Ames Research Center, NASA.

SPACE CAMPS HELD FOR MONTANA YOUNGSTERS

Space camps for elementary school age students were held in Missoula and Great Falls in June.

Russ Larson conducted the Missoula camp, called the "Basic Dragon Flight School." The camp was open to boys and girls who will be entering the third through the sixth grades in the fall of 1988.

The Great Falls camp was conducted by Jo Ann Eisenzimer and Calvin Ray, both teachers at West Elementary School. The Great Falls camp consisted of students who were already members of a Great Falls

Young Astronauts Club.

During the space camps the young participants became acquainted with airplanes, rockets, space craft, map reading, the National Weather Service, and the air traffic control system. They learned about airports and careers in aviation and aerospace. They were taken on tours of various airport facilities.

Minot Parker, visiting lecturer for NASA from the Ames Research Center, and Georgia Franklin, noted aerospace educator, were guest speakers.



Young participants at the Great Falls Space Camp give their undivided attention to Calvin Ray, West Elementary teacher. Standing is Georgia Franklin, guest lecturer and noted aerospace educator, who assisted with the space camps as well as serving as an instructor for the Aviation/Aerospace Teacher Workshops.



The Basic Dragon Flight School in Missoula watches Doug Vulcan, teacher from Florence, demonstrate boomerangs. Standing in center back is Russ Larson, flight school instructor. The camp was held on the University of Montana campus.

FAA ISSUES CERTIFICATES

PRIVATE

Fred Mize	Kila
David Jaumotte	Kalispell
Robert Jones	Kalispell
Michael Field	Columbia Falls
Roy Volk	Great Falls
Stephen Vance	Cut Bank
Gary Bolles	Plentywood
Francis Kerins, Jr.	Helena
Timothy Kuney	Helena
Barry Bergan	White Sulphur Springs
Alexander Milne	Billings
James Bunch	Billings
Randy Nafts	Laurel
Scott Olson	Billings
Dwight Carlson	Colstrip
Steven Buschette	Billings
Sheila Ford	Billings

INSTRUMENT

Mary LaMoy	Missoula
Richard Tutt, II	Whitefish
Eric Nelson	Missoula
Greg Riffin	Great Falls
David Gates	Black Eagle
Lowell Hanson	Clancy
William Reiste	Great Falls
Maureice Gardner	Geraldine
Lynn Erickson	Belt
Sean Murphy	Garrison
Gary Wagner	Billings
Kenneth Pfeifer	Billings
Florence Blain	Billings
William Metz	Billings

ATP

Gwendolyn Prieue	Billings
Kent Meek	Sidney
Mark Becker	Billings

INSTRUCTOR

Gary Watson	Missoula
Ralph Klawitter	Missoula
Wilfred Werner	Columbia Falls
(Multiengine)	

INSTRUCTOR INSTRUMENT

Gary Palm	Missoula
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(Continued on page 8)

PRELIMINARY ENGINEERING GRANTS AVAILABLE

By: David C. Kneedler, Chief Airport/Airways Bureau

With the advent of a new fiscal year, it seems appropriate to remind our readers of the reinstatement of our Preliminary Engineering Grant program. We are now in the second year of that reinstatement and, thus, an additional ten \$1,000 grants are available. As you may recall, the purpose of the grants is to assist communities statewide in the preparation of plans and specifications for airport improvement work.

The grant program was discontinued in fiscal year 1984 due to our very tenuous economic picture. We had since worked with the Montana Aeronautics Board in exploring alternate funding sources and looking at ways to divert funds elsewhere in our budget to allow us to revive this valuable program.

In years past, it has been extremely useful in allowing or encouraging communities to retain a consultant to prepare plans and specifications in advance which has, many times in the past, put Montana in a most favorable position to capture federal discretionary funds. Although the present funding level is modest at \$10,000 per year, we hope to be able to increase both the funding level and the amount of individual grants sometime in the future.

ALL PILOTS

All ELT transmissions are now reported to Search and Rescue by satellites.

Before start-up and after shut-down, tune your aircraft receiver to 121.5 — your ELT may be transmitting.

FAA ISSUES CERTIFICATES

(Continued from page 7)

INSTRUCTOR RENEW/REINSTATE

Daniel Liudahl	Billings
Thomas Gasta	Helena
Rick Trebas	Missoula
Wayne Just	Kalispell
Joseph Scott	Great Falls
John Eliel	Wisdom
Harold Falconer	Miles City
David Southworth	Billings
Carl Hartwig	Butte

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MEMBER

NATIONAL ASSOCIATION OF STATE AVIATION OFFICIALS

PURPOSE—"To foster aviation, as an industry as a mode of transportation for persons and property and as an arm of the national defense; to join with the Federal Government and other groups in research, development, and advancement of aviation; to develop uniform laws and regulations; and to otherwise encourage cooperation and mutual aid among the several



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